



Congratulations on your selection under the 2022 Safe Routes to School Program!

We know the federal process can be challenging and you may not know where to begin. McCormick Taylor can help guide you through the process of taking your project from concept to construction. McCormick Taylor has already been approved by NJDOT through a Qualifications Based Selection process saving you time with procuring a consultant. You can also be assured that we are prequalified by NJDOT and have an extensive history of delivering successful projects like yours. Below is a brief listing of some of our project experience under this program and similar projects.

We know how much these projects can enhance communities and the quality of life for your residents. **We can't wait to help** bring your community's project to life.

Company Overview

McCormick Taylor's engineers, scientists, and planners work together to provide a wide range of support to our clients. Established in 1946, McCormick Taylor is a leader in providing comprehensive professional services that meet the diverse needs of our clients and the communities we serve. Our firm is a place where we come to work for our clients and also work on ourselves for the betterment of our clients. That is why relationship building is one of our core values, both internally and externally. From the onset of a project, we listen to the challenges our clients face in order to gain a thorough understanding of every project's purpose and objectives. This enables us to best develop and implement original ideas and progressive solutions that will fulfill our clients' ultimate goals.

As a full service consulting firm, McCormick Taylor specializes in providing highway engineering, structural engineering, traffic engineering, water resources, municipal engineering, planning, environmental studies, energy/utility permitting and compliance, and communications services.

Common SRTS Design Services Offered



BICYCLE AND PEDESTRIAN FACILITIES

Sidewalks, Exclusive Bike Lanes, Shared Use Paths and Trails, Pedestrian Refuge Islands



ADA COMPLIANCE

Curb Ramps and Detectable Warning Surfaces, Sidewalks, Pedestrian Countdown Heads and Pushbuttons



TRAFFIC CALMING

Intersection Bulb-Outs, Raised Crosswalks and Intersections, Speed Cushions



TRAFFIC SIGNAL

New/Upgraded Traffic Signals, LED Signal Heads and Backplates, Pedestrian Flashing Beacons, HAWK Signals



ROADWAY AND TRAFFIC

Intersection Widening, Turning Lane Improvements, Pavement and Drainage Improvements, Roadside Safety



LIGHTING

Ornamental Lighting, Pedestrian Scale Lighting



STRIPING AND PAVEMENT MARKINGS

High-Visibility Crosswalks, Road Diets, Share the Road Markings



STREETSCAPE

Gateway and Wayfinding Signing, Street Furniture, Landscaping and Green Infrastructure

NJDOT Safe Routes to School Design Assistance | McCormick Taylor was selected by NJDOT to assist Local Public Agencies awarded grants under the Federal-Aid Safe Routes to School (SRTS) Design Assistance Program. To date, McCormick Taylor has performed engineering on three NJDOT SRTS Program Projects:

Woodstown Borough Sidewalk, Crosswalk, and Signalization Improvements, Salem County, NJ



This phased project creates a safer route of transportation for students who attend and walk to the elementary and middle schools of Woodstown in Salem County, NJ. Improvements designed by McCormick Taylor include a defined crossing area for students, new sidewalks with Americans with Disabilities Act (ADA)-compliant curb ramps, marked crosswalks, and flashing pedestrian crossing signs on routes to the school. The project also includes a continuous pedestrian path with defined and visible crossing locations. The first phase is located adjacent to the Mary S. Shoemaker Elementary School and the second phase is located along Bailey Street, Old Salem Road, and Alloway Road.

ADA-compliant sidewalks and ramps will be required to allow students with disabilities to travel to school on their own, which is challenging considering the current conditions. The addition of flashing pedestrian signs will increase driver awareness of pedestrians. This will allow for a safe method of travel for all students and pedestrians alike at dangerous crossing locations. The proposed improvements will help improve pedestrian safety throughout the project limits and supports the goal of Woodstown's Complete Streets Policy. All proposed improvements will improve pedestrian circulation that will additionally promote a healthier environment in the community.

Eastampton Township Pedestrian Multiuse Path and Walking Route Improvements, Burlington County, NJ



Located adjacent to the Eastampton Community School, this SRTS project includes a proposed multiuse path. McCormick Taylor designed the path to provide links to multiple destination points and existing paths in the area including Clive Park, residential areas, the Manor House Municipal Building, the school parking lots, and the path to Nottingham Way. The project also addresses damaged sections of sidewalk, the installation of ADA-compliant curb ramps, and crosswalks to enhance walkability in the area.

The purpose of the project is to improve safety along roadside walking and biking routes to the school. The multiuse path improves bicycle and pedestrian safety by providing exclusive off-road facilities as described in the Eastampton Township 2015 Pedestrian Circulation Plan. The project improves the walking and biking environment for all users and encourage walking and biking to school.

Maple Shade Township Pedestrian Safety Improvements, Burlington County, NJ



The purpose of this project is to enhance pedestrian walkability in the vicinity of Maple Shade High School by installing crucial missing sections of sidewalk, ADA-compliant curb ramps, and crosswalks. Frederick Avenue is a major component to the pedestrian circulation network, which connects residential areas with both Maple Shade High School and the Maude Wilkins Elementary School. Pedestrian improvements are anticipated primarily on South Clinton Avenue and Frederick Avenue.

The project improves safety for pedestrians commuting to Maple Shade High School, consisting of approximately 850 students from grades 7-12. In addition, Maude Wilkins elementary school educates approximately 401 students in grades PK-4, of whom approximately 9% currently walk or bicycle to school. The primary obstacle preventing students from walking or biking to school are missing sections of sidewalk in residential areas surrounding the school. The existing incomplete connections through missing sections of sidewalk contribute to real and perceived risks for children walking or bicycling in the area.

NJDOT Transportation Alternatives Design Assistance | McCormick Taylor provides professional engineering services to municipalities that have received Federal Aid Highway Program Funds through its Transportation Enhancement (TE) and Transportation Alternatives Program (TAP). Due to our extensive knowledge of the TE/TAP, we are able to successfully deliver high-quality design services while assisting municipalities with navigating through the difficult process of designing a safer, and more desirable area.

**Pennsauken-Merchantville
Multiuse Trail, Pennsauken
Township, Camden County, NJ**



The purpose of this project is to utilize vacant and blighted railroad right-of-way to create additional recreational opportunities, encourage alternative modes of transportation, and provide connections to nearby destinations. McCormick Taylor was chosen to design Pennsauken Township's first phase of the multiuse rails-to-trail trail which will be a part of the Camden Active Trail Network. The ½ mile trail utilizes existing abandoned railroad right-of-way adjacent to Chestnut Avenue. The trail also includes a new trail crossing at Cove Road with pavement markings, ADA-compliant curb ramps, a high-visibility crosswalk, and a pedestrian flashing beacon. Additional trail enhancements include tree plantings, landscape improvements, lighting, and rest areas.

**Lenola Town Center Improvements,
Moorestown Township,
Burlington County, NJ**



The Lenola Area of Moorestown has many attributes of a successful neighborhood town center but lacks the vibrancy and connectivity to reach its potential. This project provides increased connectivity via bike lanes, enhanced sidewalks and crosswalks, a bus shelter, and traffic calming strategies to create a safe and inviting streetscape.

McCormick Taylor is assisting Moorestown Township with this downtown streetscape project. The new street design created by McCormick Taylor, includes narrower travel lanes to accommodate for two dedicated bike lanes, attractive and ADA-compliant sidewalks, decorative crosswalks, bus stops and bus shelters, lighting, bicycle parking, benches, raised medians, gateway signs, and landscape plantings.

**Downtown Redevelopment Along
Kinderkamack Road, Emerson
Borough, Bergen County, NJ**



This is a streetscape and pedestrian safety improvement project in Emerson Borough in Bergen County. Kinderkamack Road, also known as County Route 503, provides access to the NJ Transit Pascack Valley Line for area commuters. The project beautifies the downtown business and shopping district and encourages more pedestrian traffic. Pedestrian improvements are proposed to enhance the safety of shoppers and students crossing Kinderkamack Road.

The project scope includes the replacement of existing curb, concrete sidewalk and brick paver strip, ADA-compliant curb ramps with detectable warning surfaces, benches, trash receptacles, decorative street lighting, and signs.

**Broad Avenue Complete Streets
Improvement Project, Leonia
Borough, Bergen County, NJ**



Broad Avenue runs the full length of Leonia Borough in Bergen County and is the busiest street in the Borough. The goal of the project is to increase safety and introduce traffic calming measures to enhance pedestrian and bicycle access. Leonia's middle school, elementary school, business district, municipal building, parks, and residential areas are located along Broad Avenue. Receiving traffic from I-95, I-80, Route 46, and Route 4, Broad Avenue serves as a cut-through for traffic to the George Washington Bridge. The project provides an engineered approach to slow speeds and increase safety for all users.

The project provides colored bicycle lanes, curb extensions and crosswalks, a painted center median with a pedestrian crossing island, a rapid rectangular flashing beacon, pedestrian crossing/warning signs, a raised gateway treatment, and additional sidewalk to complete gaps.

Additional McCormick Taylor Design Experience:

Delaware Department of Transportation Safe Routes to School Program, Statewide, DE



Working with DelDOT's Statewide and Regional Planning Division, McCormick Taylor coordinates with various schools and school district officials to develop

improvements and programs that encourage school children to walk and bicycle to school safely. As part of this contract, McCormick Taylor identifies, evaluates, and recommends both infrastructure and non-infrastructure improvements to promote healthy and safe choices for school children to travel to and from school. To date, McCormick Taylor has completed 15 Task Orders including sidewalk connections, ADA curb ramps, pedestrian crosswalks, training programs for adults and children, and planning assistance for school districts.

Route 35 Reconstruction, MP 0-4, Ocean County, NJ



Following the destruction from Hurricane Sandy, Route 35 needed to be completely reconstructed and was a priority for New Jersey. McCormick Taylor was selected to design this

fast-track project that had many drainage and utility challenges due to the Hurricane. The reconstructed route features Complete Streets applications due to its location being in a shore town. The features include sidewalks, ADA-compliant ramps, more visible crosswalks, and bicycle-compatible shoulders. The design results in a better prepared roadway to manage future hurricanes and evacuations and a safer route for pedestrians and bicyclists.

Route 82, Caldwell Avenue to Lehigh Avenue Pedestrian Safety Improvement Project, Union County, NJ



McCormick Taylor completed Preliminary Engineering and Final Design for this pedestrian safety improvement and mobility project for a two-mile corridor of Route

82 in Union Township. The project includes the design of pavement milling and resurfacing, a Road Diet, ADA-compliant curb ramps, traffic signal upgrades, signing and striping upgrades, sidewalk and curb replacement, and drainage upgrades.

Limited Scope Pavement Resurfacing Projects, Multiple Locations, NJ



McCormick Taylor was selected to perform engineering services for multiple limited scope pavement resurfacing projects. The projects have included Route 22, EB Roue

78 to Route 28 (CR 614 Easton Turnpike) in Hunterdon and Somerset Counties; Route 46, W. Stiger Street to Sandshore Road/Naughtright Road in Warren and Morris Counties; and Route 54 in Atlantic County. The projects have included pavement resurfacing, traffic signal upgrades, ADA-compliant curb ramps, sidewalks, high-visibility crosswalks, signing and striping plans, lighting, and streetscaping.

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Camden Central Gateway Project, Camden County, NJ



McCormick Taylor performed engineering services for this fast-tracked rehabilitation and reconstruction project of the entrance and surrounding roadway network of the

Campbell Soup Corporation. The project included manual turning movement intersection counts at more than 10 intersections, traffic forecasting, traffic signal upgrades, and enhanced roadway and ramp configurations. McCormick Taylor also worked closely with neighborhoods surrounding the Gateway area in order to assess other transportation and quality of life issues. This coordination allowed McCormick Taylor to incorporate the "missing link" of the Cooper River Greenway into the project as a mitigation measure.

US Route 130/Farnsworth Avenue (CR 545) Intersection Improvements, Burlington County, NJ

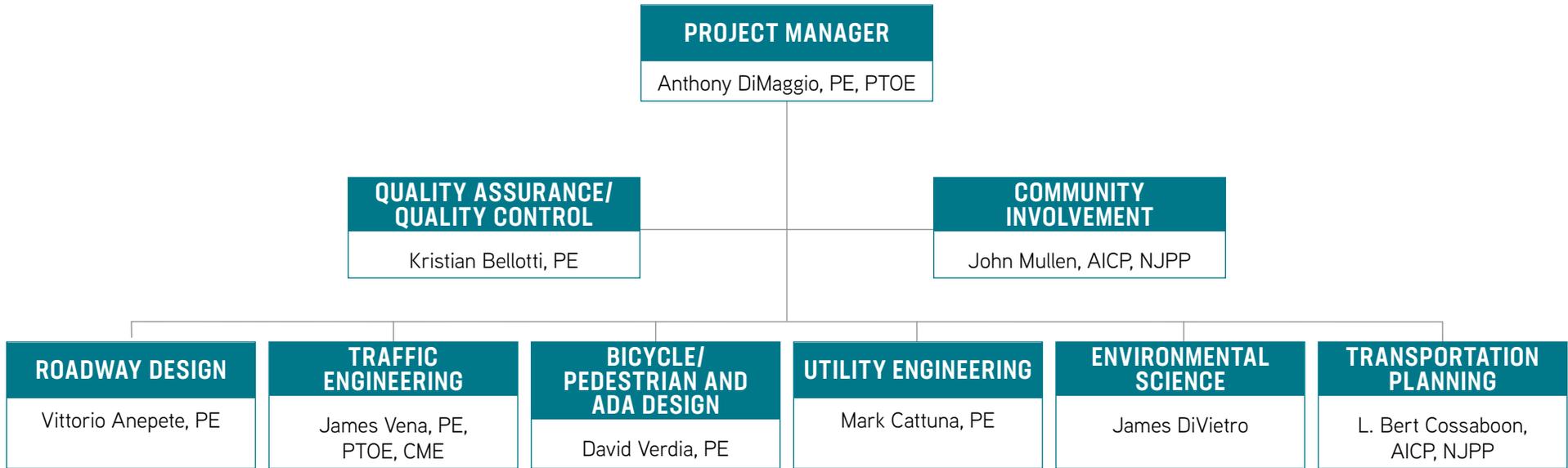


McCormick Taylor conducted Preliminary Engineering and Final Design for this project to improve the safety and efficiency of this intersection. US Route 130

carries local and regional traffic in the area and is near I-295, which created significant truck traffic throughout the area. Trucks have caused delays to the intersection's level of service and have caused a safety concern to pedestrian and bicycle traffic while idling in the shoulders.

McCormick Taylor's designs included the extension of the US Route NB left turn lane, adding an exclusive left turn lane on the WB Farnsworth Avenue approach, a new center median and attenuator with a fence to deter midblock pedestrian crossings, new traffic signals, three new crosswalks, ADA-compliant curb ramps, pushbuttons, detectable warning surfaces, and countdown pedestrian displays.

Project Team



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Mr. DiMaggio is the Office Manager of McCormick Taylor’s Mount Laurel, NJ office and has served as the Project Manager for our recent SRTS and TAP contracts with NJDOT. He has extensive experience in the planning, design, and management of transportation improvements projects in New Jersey. In addition to his proficiency with roadway design, preparation of specifications, quantities, and cost estimates and preparation of traffic control plans, Mr. DiMaggio has a strong background in traffic engineering. He is well-versed in all aspects of transportation improvement projects, allowing him to interface effectively between various highway design, drainage, traffic, environmental issues, etc. that may arise. He has successfully completed project scoping and final design efforts on a number of transportation projects.



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Vittorio Anepete is a Manager in the Transportation Department of McCormick Taylor’s Mount Laurel, NJ office and served as the Roadway Lead for our recent SRTS and TAP contracts with NJDOT. He is responsible for scoping, planning, design, and delivery of large-scale transportation projects. He has served as Project Manager and Lead Highway Engineer on all phases of NJDOT Capital Program Management projects and Local Aid projects. He has guided numerous municipalities through the federal grant design process to implement their projects. He is a Professional Engineer licensed in New Jersey and Pennsylvania with over 16 years of transportation experience including complete streets, pedestrian and bicycle accommodation, and active transportation. Mr. Anepete is passionate about community engagement having served on his local Housing Authority, Land Use Board, Homeowner’s Association, and Economic Development Advisory Commission. He has lived in New Jersey his entire life and currently lives in Burlington County.

Contact our Project Manager or Roadway Design Lead to learn more about our services!